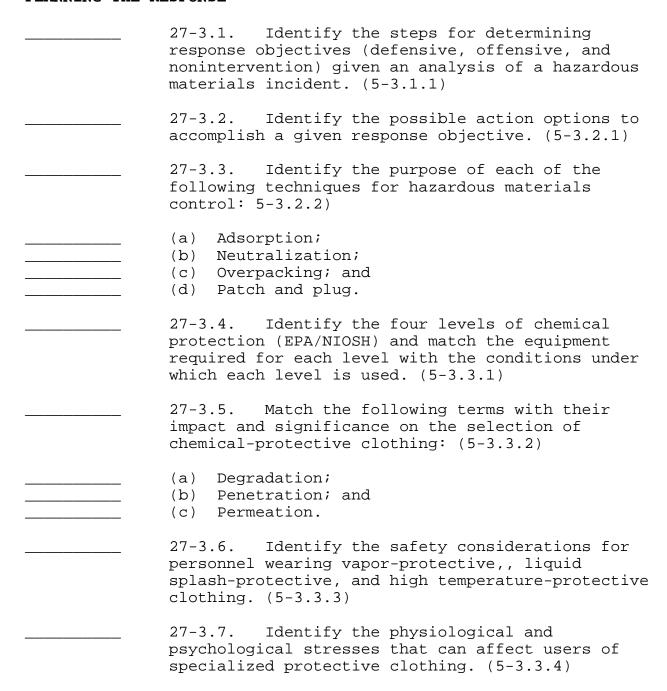
HAZARDOUS MATERIALS INCIDENT COMMAND Equivalency Checklist 6/16/98

INTRODUCTION	
	27-1.1. Identify the four main areas covered in the Hazardous Materials Incident Command Course.
	27-1.2. Identify the certification requirements as stated in the Office of the State Fire Marshal's Administrative Rules.
	27-1.3. Identify three NFPA Standards that require or recommend the usage of an Incident Command System.
	27-1.4. Identify the principles of an incident management system necessary to coordinate response activities at hazardous materials incidents. 27-1.4.1. Identify five goals of an Incident
	Command System. 27-1.4.2. Identify the management concepts on which an Incident Command System is based as presented in class.
	27-1.4.3. Identify what agencies can initiate the Incident Command System. 27-1.4.4. Identify the seven components of an Incident Command System.
	Incident Command System. 27-1.4.5. Identify the two types of Incident Command Systems as presented in class. 27-1.4.6. Identify three levels used in Incident
	Command Systems. 27-1.4.7. Identify traits of an incident commander as presented in class.
	27-1.5. Identify Incident Command procedures as presented in class. 27-1.5.1. Identify four responsibilities of an Incident Commander.
	27-1.5.2. Identify functions of command as presented in class. 27-1.5.3. Identify the procedures to follow when
	assuming Command. 27-1.5.4. Identify the Optional modes available as presented in class.
	27-1.5.5. Identify the four components of the initial radio report. 27-1.5.6. Identify the types and use of
	communications used in Incident Command Systems.

	27-1.5.7. Identify the considerations of locating the Command Post as presented in class. 27-1.5.8. Identify the procedures to follow when using a Tactical Worksheet as presented in class. 27-1.6. Identify the Incident Command "System" as presented in class. 27-1.6.1. Identify five benefits of sectors/sections in an Incident Command System. 27-1.6.2. Identify the organizational terms used in an Incident Management System. 27-1.6.3. Identify six typical sectors/divisions used during a Hazardous Materials Incident.
ANALYZING	THE PROBLEM
	27-2.1. Identify the types of hazard and response information available from each of the following resources (5-2.1.1)
	(a) Reference manuals (b) Hazardous materials data bases (c) Technical information centers (d) Technical information specialists (e) Monitoring equipment (f) Computers with FAX machines
	27-2.2. Identify advantages and disadvantages of each of the following resources (5-2.1.1)
	<pre>(a) Reference manuals (b) Hazardous materials data bases; (c) Technical information centers; (d) Technical information specialists; (e) Monitoring equipment. (f) Computers with FAX machines</pre>
	27-2.3. Given the dimensions and the surrounding conditions of an endangered area of a hazardous material incident, identify the steps for estimating the number of exposures within the endangered area. (5-2.2.1)
	27-2.4. Match the following toxicological terms and exposure values with their significance in predicting the extent of health hazards in a hazardous materials incident (5-2.2.2)
	(a) Immediately dangerous to life and health value (IDLH) (b) Lethal concentrations (LC50)

(C)	Lethal dose (LD50)
(d)	Permissible exposure limit (PEL)
(e)	Threshold limit value ceiling
	(TLV-C)
(f)	Threshold limit value short-term
	exposure limit (TLV-STEL)
(g)	Threshold limit value time-weighted
	average (TLV-TWA)
(h)	Parts per million (ppm), parts per
	billion (ppb)
(i)	Emergency response planning guide
	value (ERPG)
27-2.5. Matc	h the following terms associated
with radio-act	ive materials with their
significance i	n predicting the extent of health
hazards in a h	azardous materials incident.
(5-2.2.3)	
(a).	Alpha radiation;
(b).	Beta radiation;
(C).	Gamma radiation;
(d).	Half-life; and
(~)	
(e).	Time
	Time Distance
(f).	
(f).	Distance
(f).	Distance
(f). (g) 27-2.6. Iden	Distance Shielding tify the method for predicting the
(f) (g) 27-2.6. Iden areas of potent	Distance Shielding

PLANNING THE RESPONSE



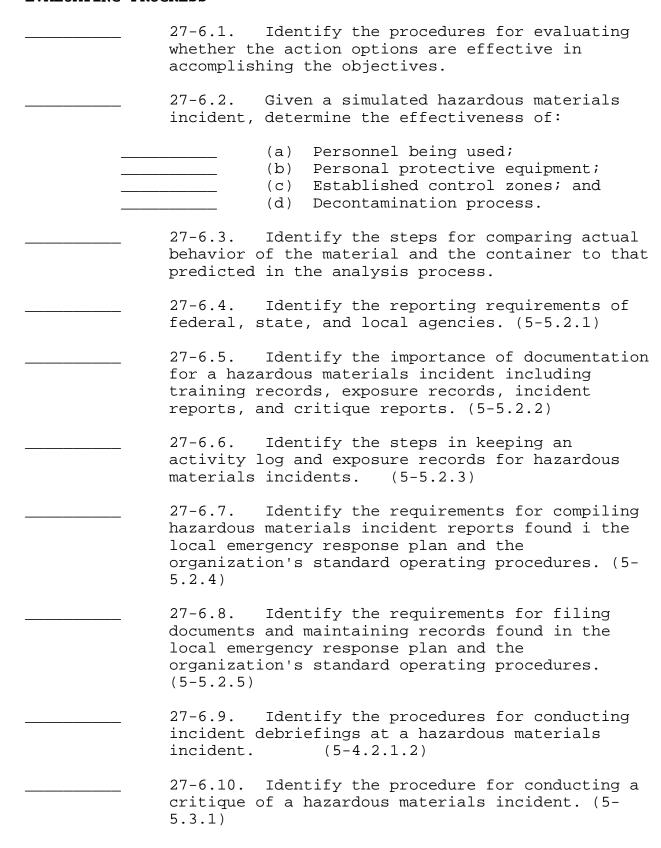
developing local emer organizati within the	a pingency on's capa orote	tify the order of steps for lan of action consistent with the y response plan and the standard operating procedures and ability of available personnel, ctive equipment, and control 3.4.1)
 selecting	publ	tify the factors to be evaluated in ic protective actions including in-place protection. (5-3.4.2)
or the org	ganiza	n the local emergency response plan ation's standard operating entify which agency will: (5-3.4.3)
	(a)	Receive the initial notification.
	(b)	Provide secondary notification and activation of response agencies;
	(C)	Make on-going assessments of the situation;
	(d)	Command on-scene personnel (incident management system);
	(e)	Coordinate support and mutual aid;
	(f)	Provide law enforcement and on- scene security (crowd control);
	(g)	Provide traffic control and rerouting;
	(h)	Provide resources for public safety protective action (evacuation or in-place protection);
	(i)	Provide fire suppression services when appropriate;
	(j)	Provide on-scene medical assistance (ambulance) and medical treatment (hospital);
	(k)	<pre>Provide public notification (warning);</pre>
	(1)	Provide public information (news media statements);
	(m)	Provide on-scene communications support;
	(n)	Provide on-scene decontamination when appropriate;

	(e operational-le l services;	evel hazard
	(1	• '	e technician-lev tion services	vel hazard
	(_ _ /	e environmental ("cleanup") ser	
		ss of an a	e process for dection option n t	
	safety brie	fing prior	e procedures for to allowing per aterials incider	rsonnel to
IMPLEMENTING	THE PLANNED R	ESPONSE		
	local and re required und federal regu	elated eme der SARA T ılations o	e steps for impl rgency response itle III Section r other local en islation. (5-4.1	plans as n 303 of the mergency
		cuments, i	ocal emergency a dentify the elem (5-4.1.3)	_
	regional, and identify the (including to production,	nd federal e scope of the regula	e primary local, government ager their regulator tions) pertainir ation, storage,	ncies and ry authority ng to the

TNCIDENT C	during a lidentify tresources 27-4.5. obtaining	ector resources offering assistance nazardous materials incident, and their role and the type of assistance or available. (5-4-1-6) Identify the process and procedures for cleanup and restoration services in the regency response plan or organization's operating procedures. (5-4.1.1)
	27-5.1. management	Identify the elements of the incident system necessary to coordinate response at hazardous materials incidents.
		27-5.1.1. Identify five goals of an Incident Command System. 27-5.1.2. Identify what agencies can initiate the Incident Command System. 27-5.1.3. Identify the seven components of an Incident Command System. 27-5.1.4. Identify the two types of Incident Command Systems as presented in class. 27-5.1.5. Identify three levels used in Incident Command Systems.
	27-5.2. presented	Identify Incident Command Procedures as in class.
		27-5.2.1. Identify four responsibilities of an Incident Commander. 27-5.2.2. Identify eight command functions used in Incident Command Systems. 27-5.2.3. Identify the procedures to follow when assuming Command. 27-5.2.4. Identify the Command Options available as presented in class. (5-4.2.1.3) 27-5.2.5. Identify the four components of the initial radio report. 27-5.2.6. Identify the types and use of
		communications used in Incident Command Systems.

	27-5.2.7. Identify the principles of Command Post operation as presented in class. 27-5.2.8. Identify the procedures to follow when using a Tactical Worksheet as presented in class. 27-5.2.9. Identify ten considerations an Incident Commander must concern themselves with as presented in class.
 27-5.3.	Identify the Incident Command "System"
as present	ted in class.
	27-5.3.1. Identify five indicators the Incident Command System should be used as presented in class. 27-5.3.2. Identify five benefits of an Incident Command System. 27-5.3.3. Identify five goals of an Incident Command System. 27-5.3.4. Identify characteristics of sectors/divisions used during a Hazardous Materials Incident. 27-5.3.5. Identify six typical sectors/divisions used during a Hazardous Materials Incident. 27-5.3.6. Identify the responsibilities / functions of the sectors presented in class. (5-4.3.1 & 5-4.3.2)
 27-5.4. procedures presented	Identify the characteristics and s for establishing an Action Plan as in class.
	Identify the steps required in ng the emergency phase of a hazardous incident. (5-4.2.1.1)

EVALUATING PROGRESS



() Denotes NFPA 472 Objective Numbers